

State Geological Survey WICHITA, BRANCH

KANSAS DRILLERS LOG

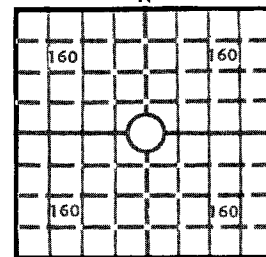
S. 26 T. 11 R. 8 E W

API No. 15 — 161 — 20,023
County Number

Loc. SW NE SE

County Riley

640 Acres
N



Locate well correctly

Elev.: Gr. 1354'

DF 1357' KB 1359'

Operator

Cities Service Oil Co.

Address 700 Sutton Place Building Wichita, Kansas 67202

Well No.

#20

Lease Name

Yaege "A"

Footage Location

1775 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor

B & N Drilling Co.

Geologist

Jerry Honas

Spud Date

8-24-74

Total Depth

1773'

P.B.T.D.

Date Completed

10-1-74

Oil Purchaser

Permian Corp.

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	20#	232'	Class "A"	150	3% CACL ₂
Production	7 7/8"	5 1/2"	14#	1772'	Class "A" Lite	20 100	10% Salt, 75% CFR-2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	1/2" Jet	1715-19' Hunton
2	1/2" Jet	1723-30' Hunton

TUBING RECORD

Size	Setting depth	Packer set at
2"	1730'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 Gal. 15% mud Acid	1715-19' & 1723-30'

INITIAL PRODUCTION

Date of first production 10-1-74	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 33 bbls. Gas MCF Water 210 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) 1715'-19' & 1723'-30' Hunton

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Cities Service Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 20	Lease Name Yaeger "A"	Oil
S 26 T 11 R 8 E W		

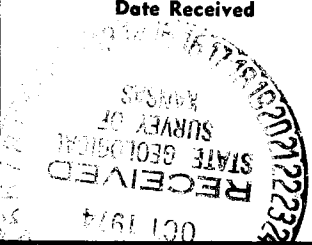
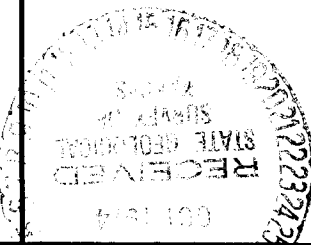
WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
soil & clay	0	14		
lime	14	20		
shale	20	28		
lime	28	30		
shale	30	44		
lime	44	69		
shale	69	90		
lime	90	95		
shale	95	98		
lime	98	102		
shale w/lime streaks	102	123		
lime	123	137		
shale	137	145		
lime	145	152		
shale/lime	152	176		
lime	176	188		
shale/lime	188	772		
lime	772	793		
shale w/lime streaks	793	835		
lime	835	854		
shale w/lime streaks	854	866		
lime	866	890		
shale	890	903		
lime	903	946		
shale w/lime	946	977		
lime	977	1068		
shale	1068	1224		
lime	1224	1305		
shale	1305	1316		
K.C. lime & shale	1316	1553		
shale	1553	1564		
Mar. lime	1564	1640		
lime & shale	1640	1668		
Hunton	1668	1773		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 	Signature <i>H. J. Devaney</i>
		OPERATIONS MANAGER
		Title
		Date October 7, 1974